Customer Number 22,852 Attorney Docket No. 5720,0079-00

## DECLARATION AND POWER OF ATTORNEY

As the below named inventors, WE hereby declars that our residence, post office addresses and citizenship are as stated below next to our names; WE believe WE are the original, first, and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled. MIXED TIME AND FREQUENCY DOMAINS EQUALIZATION ALGORITHM FOR ADSL SYSTEMS

The specification of which ⊠ is attached.

WE have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. WE acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.55.

WE hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate of § 385(a) of any PCT international application(s) designating at least one country other than the United States, listed below and have also identified below, any foreign application(s) for patent or inventor's certificate, or any PCT International application(s) having a filing date before that of the

|   | Application Number   | Date of Filing   | Priority Claimed Under 35 U.S.C. 119   |
|---|--|--|--|
|   |  |  | YES NO   |
|   |  |  | ☐ YES ☐ NO   |
| WE hereby claim the benefit   | under 35 U.S.C. § 119(e) of an   | / United States provisional and  | Callen (s.) listed below   |
|   | ication Number   | The state of the s | Date of Piling   |
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|   |  |  |  |
| WE hereby claim the benefit is a United States, listed below a CT international application (a)   | under 35 U.S.C. § 120 of any U<br>nd, Inspirer as the subject matte  | nited States application(a) or §<br>r of each of the claims of this a  | 355(e) of any PCT international application(s) design optication is not disclosed in the prior United States of the United States |
| high is material to patentability<br>PCT International filing date of   | as defined in 37 CFR § 1.56 wi<br>f this application:  |  | phication is not disclosed in the prior United States (  12, WE acknowledge the duty to disclose information the filing date of the prior application(s) and the nation of the prior application of  |
| Application Num   | ber  | Date of Filing   | Status (Patented, Pending, Abandoned)  |
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| eg. No. 20,291; Ford F. Farabo<br>eg. No. 22,593; Tiptón D. Jenn<br>eg. No. 23,038; Herbert H. Mirr<br>e. 25,857; Richard H. Smith, Ri<br>(680; Dennis P. O'Relliey, Ros<br>478; David W. Hirr Ros No.  | w, Jr., Reg. No. 20,630; Arthul<br>ings, IV, Reg. No. 20,646; Jerry<br>tz. Reg. No. 26,691; C. Larry O<br>gg. No. 20,600; Stephen L. Fete<br>J. No. 27,932; Allen M, Sokal. F  | D. Voght, Reg. No. 20.338; D. D. Voght, Reg. No. 23,020; Rourke, Reg. No. 26,014; Albarson, Reg. No. 26,325; John Meg. No. 25,695; Robert D. Baje  | ransact all business in the Patent and Trademark Of CUSTOMER NUMBER 22,852, Douglas B. Hender onald R. Dunner, Reg. No. 19,073; Brian G. Brunswaurence R. Hefter, Reg. No. 20,827; Kenneth E. Pay It J. Santorelli, Reg. No. 22,610; Michael C. Elmer, F. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 55ky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Reg. No. 27, Red. No. 28, 165; Thomas W. Winland, Red. No. 28, 165; |
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Page 1 of 2

Listing of Inventors Continued From Page 1 hereof

Attorney Docket No. (Text)

| Full Name of First Inventor<br>Chilh-Chi WANG  | Inventor's Signature<br>Child - Child Warray | Date [1/54 [200]      |  |  |  |
|--|--|-----------------------|--|--|--|
| Residence<br>Taichung, Taiwan, R.O.C.  |  | Citizenbhip Taiwan    |  |  |  |
| Post Office Address<br>No.108, Sec. 2, Da-Fu Rd., De-Fu Village, Tan-Teu 427. Tsichung, Taiwan, R.O.C. |  |                       |  |  |  |
| Full Name of Second Inventor<br>An-Yeu WU  | Inventor's Signature                         | Date [1/25/200]       |  |  |  |
| Réskienca<br>Talpel, Talwan, R.O.C.  |  | Citizenenip<br>Talwan |  |  |  |
| Post Office Additess<br>No. 8F, No. 130, Hsing Yun St., Na-Hu 114, Teipei, Taiwan, R.O.C.              |  |                       |  |  |  |
| Full Name of Third Inventor<br>Bor-Min WANG  | Inventor's Signature  Box - Min Wans         | Date   Doc. 2/, 200   |  |  |  |
| Residence<br>Hain-Chu, Talwan, R.O.C.  |  | Citizenship<br>Telwan |  |  |  |
| Post Office Address<br>e <sup>th</sup> Fl., No. 402, Sec. 3. Chung-Haing Rd., Chu-Tung, Hain-C         | chu, Talwan, R.O.C.                          |                       |  |  |  |